



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

DOT-E 10993
(FIFTH REVISION)

DEC 22 2000

EXPIRATION DATE: November 30, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Columbia Helicopters, Incorporated
Portland, Oregon
2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of certain liquid fuels in non-DOT specification portable rubber containers of up to 500 gallon capacity by helicopter within and to only remote areas of the United States. This exemption provides no relief from any regulation other than as specifically stated herein.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.101 column (9B) pertinent to those hazardous materials identified in paragraph 6 below only; § 173.241, § 173.242 or § 173.243 as applicable, and § 175.320(a) except as specified herein.
5. BASIS: This exemption is based on an application from Columbia Helicopters, Inc. dated December 6, 2000, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description/proper shipping name	Hazard Class/ Division	Identification number	Packing Group
Diesel fuel	3	NA1993	III
Fuel, aviation, turbine engine	3	UN1863	I, II, III
Fuel oil (No. 1, 2, 4, 5 or 6)	3	NA1993	III
Gasoline	3	UN1203	II

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Hazardous materials description/proper shipping name	Hazard Class/ Division	Identification number	Packing Group
Kerosene	3	UN1223	III
Petroleum oil	3	UN1270	I, II, III

7. PACKAGING AND SAFETY CONTROL MEASURES:

a. PACKAGING - The packaging prescribed is a non-DOT specification collapsible, rubber, portable tank with a capacity of up to 500 gallons. These portable containers are capable of being rolled or fork lifted, and are designed, constructed and tested to U.S. MIL. SPEC. MIL-D-23119. The tanks will be carried as external loads only, secured for transport by means of lifting line, rigging and shackles having a safety factor of at least four times the maximum load.

b. TESTING - The collapsible, rubber, portable tanks (blivets) are pressure tested to 30 psig, designed and tested to 8 G loading conditions, and are capable of withstanding successive free fall drops from 4 meters and use from -30°F to 165°F, as documented within the brochure included with the application.

c. MARKING - The packaging described in paragraph 7.a. above must be marked "DOT-E 10993" in letters at least two inches high on a contrasting background. Additionally, the package must bear the CARGO AIRCRAFT ONLY label as described in § 172.448.

8. SPECIAL PROVISIONS: The packaging described in this exemption is authorized for use only for fuel and oil shipments within and to remote access areas in the contiguous United States and Alaska where there is no other practical alternative to air shipments of these portable tanks. Flights may not be conducted over people or buildings.

9. MODES OF TRANSPORTATION AUTHORIZED: Cargo aircraft only.

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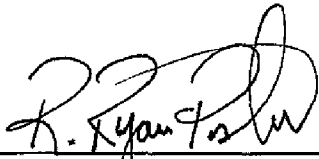
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each aircraft used to transport packages covered by this exemption. The shipper must furnish a current copy of this exemption to the air carrier before or at the time the shipment is tendered.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5105 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Registration required by § 107.106 et seq., when applicable.

Each "Hazmat Employee", as defined in § 171.8 who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, SW, Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: sln